REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Office Action dated October 24, 2006, has been received and its contents carefully reviewed.

Claims 18-35 are withdrawn in this application. Claims 12-17 are rejected to by the Examiner. Claims 12, 14, and 16 have been amended. Claims 12-35 remain pending in this application.

In the Office Action, claims 12-17 are rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 5,713,040 to Lee (hereinafter "Lee").

The rejection of claims 12-17 is respectfully traversed and reconsideration is requested. Claims 12-15 are allowable over the cited references in that each of these claims recites a combination of elements including, for example, "determining the absence or the presence of the input signal according to the number of the signal of the first state during a predetermined interval." Claims 16 and 17 are allowable over the cited references in that each of these claims recites a combination of elements including, for example, "determining the presence of the input signal according to the number of the signal of the first state during a predetermined interval." Lee does not teach or suggest at least this feature of the claimed invention.

In Lee, the horizontal sync frequency from a video card is compared to a series of values, by determining if it is greater than each of these series of values. Once the horizontal sync frequency is found to be greater than one of the series of values, then the display mode of the video card signal may be determined. The display mode of the video card signal indicates the frame rate and the vertical and horizontal size of the display to be used with the video card signal. This is the problem that Lee is attempting to solve, i.e., to determine the type or mode of a video card signal in order to properly display it on a display. This is contrary to the present invention, where for example in claim 12 where it is claimed: "determining the absence or the presence of the input signal according to the number of the signal of the first state during a predetermined interval" The mode signal in Lee does not indicate the absence or presence of an input signal, but the nature of the signal as described above. For the same reasons, Lee fails to teach the above identified features of claims 14-17 as well. Accordingly, claims 12-17 are allowable over Lee.

Applicants believe the foregoing amendments place the application in condition for allowance and early, favorable action is respectfully solicited.
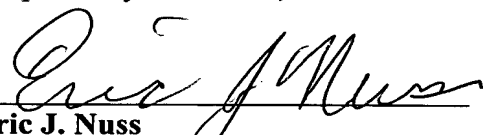
If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. § 1.136, and any additional fees required under 37 C.F.R. § 1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. *A duplicate copy of this sheet is enclosed.*

Respectfully submitted,

Dated: <u>January 24, 2007</u>   By _____

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